

Abstract Of The Disclosure

A circuit system for generating a stabilized power supply voltage, which, on the basis of a temperature quantity, selects an operating mode of a voltage regulator. In this context, it is provided, in particular, to apply the principles of the present invention to the supplying of voltage to electronic consumers in motor vehicles. During operation of the voltage regulator, a temperature quantity is recorded which is indicative of a quantity representing or influencing the operation of the voltage regulator. During active operation, the voltage regulator can be operated in at least two operating modes, and the current operating mode is selected as a function of the recorded temperature quantity.